

# **SAMPLE COLLECTION METHODS FOR IMMUNOASSAY TESTING**

## **CHECKLIST:**

- \_\_\_\_\_ Chain of Custody Record (Field Data Sheet)
- \_\_\_\_\_ Pre-cleaned amber glass bottle with Teflon-lined screw cap
- \_\_\_\_\_ Sample label (Wire label or sticker)
- \_\_\_\_\_ Water-proof pen (Scripie)
- \_\_\_\_\_ Ice (Cooler or bucket)
- \_\_\_\_\_ Waders and gloves as desired

## **COLLECTION METHOD**

Avoid disturbing sediment layer. If you are wading into the stream, allow the water to clear before you take the sample.

Face upstream (water is running toward you) to sample so that contaminants from your hands will not be collected.

Collect the sample only in the pre-cleaned amber glass bottle provided. DO NOT use any plastic container. Rinse the collection bottle three times in the water to be sampled before the final fill. Fill with mouth of bottle facing upstream away from your body or hands.

Fill the bottle (no air space) if at all possible; Cap with the Teflon-lined screw cap provided.

Complete information on the chain of custody record and the ID Tag; attach ID tag to sample bottle.

Chill on ice immediately; keep refrigerated or on ice until the sample reaches the lab.

## **CHAIN OF CUSTODY:**

- Complete chain of custody record for each sample taken. Check to be sure pre-printed information is correct. If not, please amend it on the form.
- Be sure your sample code is indicated in the upper right hand corner of the Chain of Custody Record (and matches the number on the bottle.
- Please include a complete site description with reference points you would find on a topo map
- Sign the "Relinquished by" portion and witness the individual receiving the sample signing the "Received by" section.
- Take your sample directly to the lab at the UK Mines and Minerals Building, Rose Street 3<sup>rd</sup> Floor. Call for an appt before you go, or make arrangements with your collection coordinator listed below.

## **Important Phone Numbers:**

**1-800-928-0045 Ext. 473**

**Volunteer Support**

**Lab: 606-257-5500**

**(606) 873-1340**

**Project Lab Dr Henry Francis or Alice Shelly**